



**DERWENT-** 1997-471250

**ACC-NO:**

**DERWENT-** 199840

**WEEK:**

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**TITLE:** Method of packaging particulate material - involves using labyrinth seal to close pouch at one end by having two seals which each have apertures in them but are offset with respect to each other

**INVENTOR:** BOURNE, A; FARRANT, G L

**PATENT-** HOLMES & COY LTD H A [HOLMN] , HOLMES & CO LTD H  
**ASSIGNEE:** A [HOLMN]

**PRIORITY-DATA:** 1996NZ-0286110 (March 1, 1996)

**PATENT-FAMILY:**

<b>PUB-NO</b>	<b>PUB-DATE</b>	<b>LANGUAGE</b>	<b>PAGES</b>	<b>MAIN-IPC</b>
AU 9714943 A	September 4, 1997	N/A	018	B65B 001/04
NZ 286110 A	August 26, 1998	N/A	000	B65B 001/28

**APPLICATION-DATA:**

<b>PUB-NO</b>	<b>APPL-DESCRIPTOR</b>	<b>APPL-NO</b>	<b>APPL-DATE</b>
AU 9714943A	N/A	1997AU-0014943	February 27, 1997
NZ 286110A	N/A	1996NZ-0286110	March 1, 1996

**INT-CL** B65B001/04, B65B001/28 , B65D030/10 , B65D033/01 ,  
**(IPC) :** B65D033/16 , B65D088/54

**ABSTRACTED-PUB-NO:** AU 9714943A

**BASIC-ABSTRACT:**

The method of packaging particulate material involves having the particulate material contained in a pouch (10) having a closed end. The pouch has a labyrinth seal at or adjacent to the closed end of the pouch, and the pouch is filled to a desired capacity and then sealed at or adjacent to the open end of the pouch.

The pouch may have an open end prior to the filling of the pouch, and the open end of the pouch may be designed to be heat sealed. This labyrinth seal may then be formed by a first seal (11) having one or more apertures (12,13) in it and a second seal (15) extending across the pouch having one or more apertures (16) off set from those in the first seal.

USE/ADVANTAGE - It is possible to provide a more secure load of particulate material stored within multi-ply sacks. The air will escape under constant pressure from the pallet load and through the semi-porous bottom patch and other construction vents.

CHOSEN- Dwg.1/2

DRAWING:

TITLE- METHOD PACKAGE PARTICLE MATERIAL LABYRINTH SEAL CLOSE  
TERMS: POUCH ONE END TWO SEAL APERTURE OFFSET RESPECT

DERWENT-CLASS: Q31 Q32 Q34

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1997-393166